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SEQUENCE NR.: CSB90584863 USER- ID: 19320-91JUL22/17.06.01/A09

DOC REF: CHINA LETTER (CNLTB), 90, NR 215, 3-5  
INF CTY: PEOPLES REPUBLIC OF CHINA (CH); UNITED STATES (US)  
INF DATE: 9003  
COSATI: BEHAVIORAL AND SOCIAL SCIENCES (05); GUIDED MISSILE  
TECHNOLOGY (16)  
CLASSIF: UNCLASSIFIED  
RELEASE: NONE (XX)

**TEXT: EXTRACT.**

FEW OF CHINA'S SCIENTISTS ARE BETTER KNOWN INTERNATIONALLY THAN QIAN XUESEN, A FORMER U.S. AIR FORCE OFFICER WHO IS GIVEN THE MOST CREDIT FOR DEVELOPMENT OF CHINA'S NUCLEAR WEAPONS AND MISSILE DELIVERY PROGRAMS. SO, WHEN HE TALKS ABOUT HIS COUNTRY'S PLANS AND PROGRESS IN SCIENCE AND TECHNOLOGY IT IS WORTH LISTENING TO WHAT HE HAS TO SAY. ONE OF THE THINGS THAT HE HAD TO SAY RECENTLY CONCERNED THE SHIFT OF EMPHASIS FROM DEFENSE RELATED RESEARCH-AND-DEVELOPMENT TO TECHNOLOGY FOR THE CIVILIAN COMMERCIAL SECTOR. HE SAYS THERE ARE TWO KEY CHARACTERISTICS OF THE SYSTEMS ENGINEERING METHODS USED FOR DEVELOPMENT OF THE DEFENSE RELATED TECHNOLOGY, UNIFIED LEADERSHIP AND SPECIFIC PROJECT ORGANIZATION. HE DISCUSSES WHAT HE DESCRIBES AS THE THREE STEP STRATEGY FOR CHINA'S ECONOMIC DEVELOPMENT AND THE NEED FOR A NEW SYSTEM TO CARRY OUT THIS STRATEGY AND COPE WITH THE RAPID AND DRAMATIC SOCIAL AND POLITICAL CHANGES THAT ARE TAKING SHAPE IN CHINA AND THE REST OF THE WORLD. THE FIRST STEP IS TO DOUBLE THE 1980 GROSS NATIONAL PRODUCT (GNP) TO PROVIDE FOOD AND CLOTHING TO THE PEOPLE. THIS HAS ESSENTIALLY BEEN REALIZED. THE NEXT STEP IS TO MAKE PEOPLE LIVE COMFORTABLY BY THE END OF THIS CENTURY. THE THIRD STEP IS TO HAVE OUR GNP REACH THE LEVEL OF THE AVERAGE DEVELOPED COUNTRY BY THE MIDDLE OF THE NEXT CENTURY.

PFN INFORMATION: PART 001

PERSON: QIAN, XUESEN  
PERS CTY: PEOPLES REPUBLIC OF CHINA (CH)

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